

Name_____Hour_____

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5.3 Writing Linear Equations Given Two Points DAY 1

Name _____ Hour _____

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Write the equation of the line that passes through the 2 points.

1. $(-2, -8)$ and $(2, -6)$
 $y = 0.5x + -7$

2. $(-10, -50)$ and $(5, 25)$
 $y = 5x$

3. $(0, 10)$ and $(10, -20)$
 $y = -3x + 10$

4. $(-8, -9)$ and $(4, 6)$
 $y = 1.25x + 1$

5. $(-1, 99)$ and $(1, 101)$
 $y = x + 100$

6. $(0.5, 9)$ and $(50, -90)$
 $y = -2x + 10$

7. $(4, 1)$ and $(-4, 7)$
 $y = -0.75x + 4$

8. $(-5, 35)$ and $(5, -35)$
 $y = -7x$

9. $(3, -9.5)$ and $(6, -14)$
 $y = -1.5x + -5$

10. $(1, 101)$ and $(2, 201.5)$
 $y = 100.5x + 0.5$

11. $(2, -82)$ and $(-4, 272)$
 $y = -59x + 36$

12. $(-13, -180)$ and $(13, 158)$
 $y = 13x + -11$